



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

12/24/03

DEC 24 2004

OFFICE OF  
AIR AND RADIATION

MEMORANDUM

SUBJECT: Inadvertent Errors in Proposed Interstate Air Quality Rule

FROM: Jeffrey R. Holmstead /for SW Eagles  
Assistant Administrator for Air & Radiation

Lisa K. Friedman for Kevin W. McLean  
Associate General Counsel  
Air & Radiation Law Office

TO: The Administrator

A number of inadvertent errors were made in the process of preparing the signature package for the proposed Interstate Air Quality Rule that you signed on December 17, 2003. All of the significant corrections are listed below, and the typographical and grammatical corrections are also attached.

- Page 1, first paragraph, first sentence, strike “, or interfere with maintenance,”.
- Page 82, footnote 42, the correct reference is “Air Quality Data Analysis Technical Support Document for the Proposed Interstate Air Quality Rule (January 2004)”.
- Page 88, footnote 47, 1<sup>st</sup> sentence, replace “may” with “will”.
- Page 89, 1<sup>st</sup> full paragraph, 1<sup>st</sup> sentence, strike “As for fine particles,” and capitalize “We”.
- Page 111, insert new paragraph before the last paragraph preceding subheading “E”, as follows:

If a State imposes the full amount of SO<sub>2</sub> and NO<sub>x</sub> emissions reductions on EGUs that EPA has deemed highly cost effective, we are taking comment on whether this approach to compliance with the interstate air quality rule by affected

EGUs in affected States would satisfy for those sources the Best Available Retrofit Technology (BART) requirements of the CAA. We are further soliciting comment, for the circumstances just described, on whether compliance through participation in a regionwide or statewide cap and trade program, rather than source-specific emissions limits, could satisfy the BART requirements for those sources.

- Page 116, footnote 54, the correct reference is "Air Quality Modeling Technical Support Document for the Proposed Interstate Air Quality Rule (January 2004)".
- Page 117, footnote 55, the correct reference is "Air Quality Data Analysis Technical Support Document for the Proposed Interstate Air Quality Rule (January 2004)".
- Page 208, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "sections VI.B and VI.C" with "sections VI.B, VI.C, and VI.D".
- Page 210, 2<sup>nd</sup> full paragraph, 2<sup>nd</sup> sentence, after "turbines." add the following footnote, "See 'Identification and Discussion of Sources of Regional Point Source NOx and SO2 Emissions Other Than EGUs (January 2004).' "
- Page 211, 1<sup>st</sup> full paragraph, 1<sup>st</sup> sentence, after "industrial boilers", insert "and turbines".
- Page 211, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, the correct reference is "Identification and Discussion of Sources of Regional Point Source NOx and SO2 Emissions Other Than EGUs (January 2004)".
- Page 227, 1<sup>st</sup> paragraph, last sentence, the correct reference is "An Analysis of the Marginal Cost of SO2 and NOx Reductions (January 2004)."
- Page 268, replace the 1<sup>st</sup> sentence:

Nevertheless, the tradeoff would be that ozone the transport rule would be postponed. ✓

With the following sentence:

Nevertheless, the tradeoff would be that ozone reductions under the interstate air quality rule would be postponed.

- Page 271, 1<sup>st</sup> partial paragraph, replace "transport" with "interstate air quality".
- Page 340, footnote 99, the correct reference is "Air Quality Modeling Technical Support Document for the Proposed Interstate Air Quality Rule (January 2004)".

- Page 353, 1<sup>st</sup> partial paragraph, end of 1<sup>st</sup> partial sentence, the correct reference is "Benefits of the Proposed Interstate Air Quality Rule (January 2004)".
- Page 363, 1<sup>st</sup> full paragraph, last sentence, the correct references are "Benefits of the Proposed Interstate Air Quality Rule (January 2004)" and "Economic and Energy Impact of the Proposed Interstate Air Quality Rule (January 2004)".
- Page 365, 2<sup>nd</sup> full paragraph, last sentence, the correct reference is "Economic and Energy Impact of the Proposed Interstate Air Quality Rule (January 2004)".
- Page 369, Table XI-2. Rearrange the order of the rows to match the order in the preceding Table XI-1.
- Page 376, 1<sup>st</sup> paragraph, last sentence, the correct reference is "Monitoring and Reporting Costs Under the Proposed Interstate Air Quality Rule" (January 2004).

We recommend that you correct these inadvertent errors by signing and dating below.

Attachment



Michael O. Leavitt

JAN 8 2004

Date

### **Grammatical and Typographical Corrections**

The following grammatical and typographical corrections have been made to the version of the Interstate Air Quality Rule signed by the Administrator on December 17, 2003.

1. Pages 10-12, remove extraneous underline from subheadings.
2. Page 32, 1<sup>st</sup> paragraph, last sentence, replace "that can" with "and thereby".
3. Page 47, 2<sup>nd</sup> full paragraph, 1<sup>st</sup> sentence, delete "being".
4. Page 49, 1<sup>st</sup> full paragraph, 4<sup>th</sup> sentence, replace "anthropogenic" with "man-made".
5. Page 50, 2<sup>nd</sup> paragraph, 2<sup>nd</sup> sentence, replace "anthropogenic" with "man-made".
6. Page 54, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, replace "anthropogenic" with "man-made".
7. Page 56, 1<sup>st</sup> partial paragraph, 3<sup>rd</sup> full sentence, replace "Ambient" with "Air Quality".
8. Page 64, 1<sup>st</sup> full paragraph, 4<sup>th</sup> sentence, replace "anthropogenic" with "man-made".
9. Page 91, 1<sup>st</sup> full paragraph, 4<sup>th</sup> sentence, replace "anthropogenic" with "man-made".
10. Page 92, 1<sup>st</sup> paragraph, 1<sup>st</sup> full sentence, replace "anthropogenic" with "man-made".
11. Page 92, 1<sup>st</sup> paragraph, 3<sup>rd</sup> full sentence, replace "anthropogenic" with "man-made".
12. Page 117, 1<sup>st</sup> partial paragraph, last sentence, replace "Ambient" with "Air Quality".
13. Page 118, 1<sup>st</sup> partial paragraph, 1<sup>st</sup> full sentence, replace "Ambient" with "Air Quality".
14. Page 118, 1<sup>st</sup> full paragraph, last sentence, replace "Ambient" with "Air Quality".
15. Page 119, 1<sup>st</sup> paragraph, 2<sup>nd</sup> to last sentence, replace "Ambient" with "Air Quality".
16. Page 119, 1<sup>st</sup> paragraph, 2<sup>nd</sup> to last sentence, after "Support" insert "Document".
17. Page 121, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, replace "anthropogenic" with "man-made".
18. Page 130, 2<sup>nd</sup> full paragraph, 1<sup>st</sup> sentence, replace "anthropogenic" with "man-made".
19. Page 131, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, replace "anthropogenic" with "man-made".

20. Page 152, remove extraneous list bullet.
21. Page 169, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, replace "anthropogenic" with "man-made".
22. Page 171, reformat Table V-1 to improve readability.
23. Pages 178-180, reformat Table V-2 and Table V-3 to improve readability.
24. Page 182, 1<sup>st</sup> full paragraph, last sentence, replace "Ambient" with "Air Quality".
25. Pages 183-184, remove extraneous underline from subheadings.
26. Page 183, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "anthropogenic" with "man-made".
27. Page 184, last paragraph, last sentence, replace "Ambient" with "Air Quality".
28. Page 185, 1<sup>st</sup> paragraph, last sentence, replace "Ambient" with "Air Quality".
29. Page 188, 1<sup>st</sup> paragraph, last sentence, replace "Ambient" with "Air Quality".
30. Page 191, 1<sup>st</sup> partial paragraph, 2<sup>nd</sup> full sentence, replace "33-55" with "33 to 55".
31. Page 191, 1<sup>st</sup> full paragraph, last sentence, replace "3-11" with "3 to 11".
32. Page 193, 1<sup>st</sup> full paragraph, 5<sup>th</sup> sentence, replace "8-10" with "8 to 10".
33. Page 196, last paragraph, replace "Ambient" with "Air Quality".
34. Page 197, reformat Table V-4 to improve readability.
35. Page 202, remove extraneous underline from subheading.
36. Page 203-205, reformat Table V-5 and Table V-6 to improve readability.
37. Page 208, footnote 80, last sentence, make lower case the word "Title".
38. Page 212, 2<sup>nd</sup> full paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
39. Page 212, 3<sup>rd</sup> full paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
40. Page 213, 1<sup>st</sup> full paragraph, last sentence, replace "assume" with "assure".
41. Page 217, 2<sup>nd</sup> paragraph, 2<sup>nd</sup> sentence, make upper case the word "federal".

42. Page 217, 2<sup>nd</sup> paragraph, 3<sup>rd</sup> sentence, indent to begin a new paragraph.
43. Page 223, 2<sup>nd</sup> paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
44. Page 227-228, reformat Table VI-1, Table VI-2, and Table VI-3 to improve readability.
45. Page 230-232, reformat Table VI-4, Table VI-5, Table VI-6, Table VI-7, and Table VI-8 to improve readability.
46. Page 235, footnote 82, 1<sup>st</sup> sentence replace "effects" with "affects".
47. Page 235, footnote 82, last sentence, replace "EPA intends" with "We intend".
48. Page 241, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, after "Strategies" insert "(October 2002)".
49. Page 247, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, capitalize "our".
50. Page 248, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, delete the hyphen in "Phase-II".
51. Page 249, 1<sup>st</sup> full paragraph, 1<sup>st</sup> sentence, delete the hyphen in "Phase-II".
52. Page 253-255, reformat Table VI-9 to improve readability.
53. Page 255, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "0.1  $\mu\text{g}/\text{m}^3$ " with "0.10  $\mu\text{g}/\text{m}^3$ ".
54. Page 255, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "criteria" with "criterion".
55. Page 255, 1<sup>st</sup> paragraph, 2<sup>nd</sup> sentence, capitalize "state".
56. Page 258, reformat Table VI-10 to improve readability.
57. Page 259, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "0.1  $\mu\text{g}/\text{m}^3$ " with "0.10  $\mu\text{g}/\text{m}^3$ ".
58. Page 259, 1<sup>st</sup> paragraph, 1<sup>st</sup> sentence, replace "criteria" with "criterion".
59. Page 259, 1<sup>st</sup> paragraph, 2<sup>nd</sup> sentence, make "State" plural by adding "s".
60. Page 259, reformat Table VI-11 to improve readability.
61. Page 260, 3<sup>rd</sup> paragraph, end of first sentence, insert "; May 1, 2002" at the end of the FR citation.

62. Page 267, last paragraph, last sentence, replace "befits" with "benefits".
63. Page 267, last paragraph, last sentence, replace "PM" with "PM2.5".
64. Page 270, 2<sup>nd</sup> full paragraph, following "prerogatives", place the sentence beginning "See Virginia" in a footnote.
65. Page 284, subheading 2, make "Emission" plural by adding "s".
66. Page 284, 1<sup>st</sup> paragraph under subheading 2, make "emission" plural by adding "s".
67. Page 285, 1<sup>st</sup> full paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
68. Page 285, 1<sup>st</sup> full paragraph, 2<sup>nd</sup> sentence, make "emission" plural by adding "s".
69. Page 285, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, make "emission" plural by adding "s".
70. Page 285, last paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
71. Page 286, 2<sup>nd</sup> full paragraph, 1<sup>st</sup> sentence, make "emission" plural by adding "s".
72. Page 286, 2<sup>nd</sup> full paragraph, 3<sup>rd</sup> sentence, make "emission" plural by adding "s" in two instances.
73. Page 291, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, replace "SNPRM" with "SNPR".
74. Page 296, replace the comma list separator preceding item 7 with a semicolon.
75. Page 300, end of 1<sup>st</sup> full sentence, move parenthetical reference to footnote.
76. Page 301, 2<sup>nd</sup> paragraph, end of last sentence, move parenthetical reference to footnote.
77. Page 301, last paragraph, 1<sup>st</sup> sentence, make upper case the word "call".
78. Page 301, 1<sup>st</sup> full paragraph, remove extraneous underline preceding paragraph.
79. Page 303, 1<sup>st</sup> full sentence, insert "The" at the beginning of the sentence.
80. Page 318, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, delete the repetitive sentence "Banked allowances are projected to increase in value to roughly \$805 during the first phase and to \$989 per ton during the second phase."

81. Page 322, remove extraneous underline from two subheadings.
82. Page 326, 3<sup>rd</sup> paragraph, end of 2<sup>nd</sup> sentence, following "SIPs", place the sentence beginning "See Virginia" in a footnote.
83. Page 341-344, reformat Table IX-1, Table IX-2, Table IX-3, and Table IX-4 to improve readability.
84. Page 347-350, reformat Table IX-5, Table IX-6, Table IX-7, and Table IX-8 to improve readability.
85. Page 353, 1<sup>st</sup> partial paragraph, end of 1<sup>st</sup> partial sentence, delete the first occurrence of "the".
86. Page 357, 1<sup>st</sup> paragraph, 1<sup>st</sup> full sentence, replace "15-30" with "15 to 30".
87. Page 367, 1<sup>st</sup> paragraph, last sentence, replace "Inter-State Air Quality Rule" with "interstate air quality rule".
88. Page 368, 1<sup>st</sup> paragraph, last sentence, replace "that or monetized" with "that could not be quantified or monetized".
89. Page 368-370, reformat Table XI-1 and Table XI-2 to improve readability.
90. Page 369, Table XI-1, column 1 heading, delete "Group".
91. Page 369, Table XI-2, column 1, replace "child" with "infant".
92. Page 373, 1<sup>st</sup> full paragraph, 3<sup>rd</sup> sentence, replace "are" with "is".
93. Page 374, Table XI-4 title, after "Additional" delete comma.
94. Page 380, last paragraph, add a period at the end of the 1<sup>st</sup> sentence.